

SAHIL CHOUKSEY

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JABALPUR, INDIA

PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer with experience in building and maintaining scalable web applications. Proficient in front-end (Next.js, React.js) and back-end (Node.js, Golang) technologies. Committed to delivering high-quality, user-friendly solutions and continuous learning in a collaborative environment.

EXPERIENCE

Suryavanshi Ventures - Software Development Full-Stack Developer & AI Team Lead

Jabalpur, India
Jul 2024 – Present

- **BRIO Health AI (Team Lead & Backend Developer, Apr 2025 – Present):**
 - Spearheading backend development and mentoring AI research interns for an innovative AI-powered medical search engine, enhancing information accessibility for healthcare professionals.
 - Engineering a Retrieval Augmented Generation (RAG) application integrating diverse data sources (PDFs, Google Drive, PubMed, YouTube, Tavily API, SerpAPI) and a proprietary drug/disease knowledge base.
 - Optimizing and deploying fine-tuned Gemini models to deliver advanced medical information retrieval and precise question-answering capabilities.
- **Serma Event Management App (Lead Front-end Developer, Aug 2024 – Present):**
 - Directed front-end development using Next.js for critical modules (Finance, Settings, Dashboards, Email, Admin Profile), integrating Node.js/Express.js backend services and Stripe for payment processing.
 - Proactively assumed backend responsibilities for the Finance module under stringent deadlines, ensuring timely feature completion and system stability.
- Contributed to diverse projects, demonstrating rapid adaptability from a front-end focus to a comprehensive full-stack development and leadership capacity.

TVM Consulting Private Limited Software Engineer

Jabalpur, India
Aug 2023 – Jul 2024

- Engineered "Doctor Help," a full-stack healthcare management platform (Golang, Next.js, TypeScript, PostgreSQL, Docker); delivered secure data access via an intuitive UI, efficient GraphQL data retrieval, real-time Socket.io notifications, AWS S3 storage optimization, and streamlined GitLab CI/CD pipelines for automated testing and deployment.

Self-employed Freelance Full-Stack Developer

Remote, India
Feb 2022 – Jul 2023

- Designed, developed, and deployed custom full-stack software solutions for clients in EdTech, career pivot services, and eSports industries, tailored to specific business requirements.

PERSONAL PROJECTS

Monefy - Expense Management App

May 2025 – Present

- Developing a personal expense management application to track, categorize, and analyze daily expenditures, providing actionable insights into spending habits through a user-friendly interface.

Soundrex - Music Player

Aug 2021 – Feb 2022

- Built a full-stack web application featuring a custom music downloader service (Node.js, YouTube-DL), MongoDB for metadata storage, and a clean Material UI front-end for an engaging user experience.

SKILLS

Languages: JavaScript (ESNext) | TypeScript | Go | Python | PHP

Backend DB: Node.js | NestJS | Express.js | RESTful APIs | MongoDB | PostgreSQL | MySQL

Frontend: React.js | Next.js | HTML5 | CSS3 | Tailwind CSS

Mobile Dev: React Native

DevOps Tools: Docker | Git | GitHub | CI/CD (GitLab) | Jest | Linux

Other: FFMPEG | Puppeteer (Web Automation) | Figma | Problem Solving | UI/UX Design | Agile Methodologies

EDUCATION

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Jabalpur, India

Aug 2024 – Present

MCA - Master of Computer Applications

Makhanlal Chaturvedi National University of Journalism and Communication, Jabalpur, India

Aug 2020 – Jul

2023

BCA - Bachelor of Computer Applications (GPA: 7.9)